TIDAL CURRENT
CHARTS

⚓

BOSTON HARBOR

U. S. DEPARTMENT OF COMMERCE
R. P. LAMONT, Secretary

COAST AND GEODETIC SURVEY
R. S. PATTON, Director

TIDAL CURRENT CHARTS, BOSTON HARBOR

These current charts show the direction and velocity of the tidal current for each hour of the current at Boston Harbor (Deer Island Light). They present a comprehensive view of the tidal current movement for the harbor as a whole and also supply a means of readily determining the direction and velocity of the current at various localities throughout the bay.

The charts, which may be used for any year, are referred to the times of the slack waters at Boston Harbor (Deer Island Light) which on the charts are designated as "Beginning of flood" and "Beginning of ebb." Daily predictions for these times of slack water are included in the Atlantic Coast Current Tables published annually by the Coast and Geodetic Survey. For the sake of convenience the charts are also referred to the times of high and low water at Boston (Commonwealth Pier), daily predictions for which are included in the Atlantic Coast Tide Tables published annually by the Coast and Geodetic Survey. As the charts are designed for use in connection with the predicted currents at Deer Island Light the data derived through reference to tides at Boston should be considered as approximate.

The directions of the current are indicated by red arrows, and the velocities by red figures. The velocities, which are expressed in knots, are for the current at the time of spring tides—that is, near the time of new and full moon—hence the velocities shown are the strongest ordinarily encountered.

Nontidal currents.—These charts depict the flow of the tidal currents under normal weather conditions. Strong winds and freshets, however, bring about nontidal currents which may modify considerably the velocities and directions shown on the charts.

Use of charts.—Twelve charts are given, 6 being referred to "Beginning of flood" (slack before flood) and 6 to "Beginning of ebb" (slack before ebb). The chart to be used for any specific time is determined by obtaining the difference between the given time and the time of the nearest preceding slack water for Boston Harbor (Deer Island Light) as given in the Atlantic Coast Current Tables. The chart with the legend that agrees most nearly with this difference is the one to be used for the specific time desired.

Having selected the proper chart, the directions and the spring velocities of the current throughout the harbor are readily obtained by the red arrows and figures on that chart.

The tidal current varies from day to day principally in accordance with the phase, parallax, and declination of the moon, and to obtain the velocities for the particular day the velocities indicated on the charts should be modified as follows: Obtain from the current tables the predicted velocity of the next "Maximum flood" or "Maximum ebb" that follows the slack to which the chart is referred. With this predicted velocity enter the following table and obtain the corresponding correction factor. The velocities of the current for the particular day are then determined by multiplying the velocities indicated on the chart by this factor.

Example.—Suppose that the direction and velocity of the current in Nantasket Gut is desired for 7 a. m., on a day when the predictions for Boston Harbor (Deer Island Light), as given in the Atlantic Coast Current Tables, are as follows:

Slack; flood begins (time)	Maximum flood		Slack; ebb begins (time)	Maximum ebb	
	Time	Velocity		Time	Velocity
H. m.	H. m.	Knots	H. m.	H. m.	Knots
5 19 a. m.	8 25 a. m.	1.7	11 11 a. m.	2 25 a. m.	1.8
5 25 p. m.	8 42 p. m.	1.8	11 24 p. m.	2 48 p. m.	1.5

The desired time of 7 a. m. is $1^h 41^m$ after the "Beginning of flood" at 5.19 a. m., this being the nearest preceding slack. The data desired will therefore be found on the chart designated "TWO HOURS AFTER BEGINNING OF FLOOD AT DEER ISLAND LIGHT." This chart indicates that the current at Nantasket Gut is flooding (setting southward). The number (2.4) shown in Nantasket Gut is the spring velocity of the current. To determine the velocity of the current for the particular day, this spring velocity is modified by means of the "Factors for correcting velocities" given in the table above. From the current tables the velocity of the current at 8.25 a. m. (time of maximum current following the slack used as reference) is found to be 1.7 knots. For a predicted maximum flood velocity of 1.7 knots the above table gives a factor of 0.8 to be applied to the velocities given on the chart. The approximate velocity of the current is then found to be $2.4 \times 0.8 = 1.9$ knots.

As the time 7 a. m. is somewhat less than two hours after the nearest preceding slack, which occurs at 5.19 a. m., more precise results may be obtained by interpolating between the data given on the two charts designated "ONE HOUR AFTER BEGINNING OF FLOOD AT DEER ISLAND LIGHT" and "TWO HOURS AFTER BEGINNING OF FLOOD AT DEER ISLAND LIGHT." The chart for one hour after slack shows the current in Nantasket Gut to be flooding with a spring velocity of 1.8 knots, which when corrected by the factor 0.8 gives a velocity of 1.4 knots for the particular day. The chart for two hours after slack gave the current as flooding with a corrected velocity of 1.9 knots. Interpolating between these data for the time $1^h 41^m$ after slack, the current in Nantasket Gut at 7 a. m. on the given date is found to be flooding with a velocity of about 1.7 knots.

These tidal current charts were prepared by L. P. Disney, chief, section of tide predictions, under the direction of P. C. Whitney, chief, division of tides and currents.

Factors for correcting velocities

Maximum flood		Maximum ebb	
Predicted velocity (knots)	Factor to apply to velocities on charts	Predicted velocity (knots)	Factor to apply to velocities on charts
1.0–1.1, multiply by	0.5	0.8–0.9, multiply by	0.5
1.2–1.3, multiply by	0.6	1.0–1.1, multiply by	0.6
1.4–1.5, multiply by	0.7	1.2–1.3, multiply by	0.7
1.6–1.7, multiply by	0.8	1.4, multiply by	0.8
1.8–1.9, multiply by	0.9	1.5–1.6, multiply by	0.9
2.0–2.2, multiply by	1.0	1.7–1.8, multiply by	1.0
2.3–2.4, multiply by	1.1	1.9, multiply by	1.1
2.5–2.6, multiply by	1.2	2.0–2.1, multiply by	1.2
		2.2–2.3, multiply by	1.3

TIDAL CURRENT CHART
BOSTON HARBOR

Red arrows denote the direction and red figures the velocity of current at time indicated at bottom of chart.

Velocities are expressed in knots and are for the time of spring currents.

Predicted times of Beginning of Flood and Beginning of Ebb for Boston Harbor (Deer Island Light) for every day in the year are included in the Atlantic Coast Current Tables published annually by the U. S. Coast and Geodetic Survey.

NAHANT BAY

BROAD SOUND

SOUTH CHAN

NORTH CHAN

HYPOCRITE CHAN

NANTASKET ROADS

HINGHAM BAY

QUINCY BAY

OLD HARBOR

Slack

BEGINNING OF FLOOD AT DEER ISLAND LIGHT
(½ hour after low water at Boston)

405-C.&G.S. Print.

TIDAL CURRENT CHART
BOSTON HARBOR

Red arrows denote the direction and red figures the velocity of current at time indicated at bottom of chart.

Velocities are expressed in knots and are for the time of spring currents.

Predicted times of Beginning of Flood and Beginning of Ebb for Boston Harbor (Deer Island Light) for every day in the year are included in the Atlantic Coast Current Tables published annually by the U. S. Coast and Geodetic Survey.

NAHANT BAY

BROAD SOUND

LYNN HARBOR

Egg Rock

Spouting Horn

East Pt

Little Nahant

NAHANT

Bass Pt

Revere Beach

Crescent Beach

Beachmont

REVERE

EVERETT

Mt Washington

CHELSEA

Belle Isle Inlet

Breeds Island

Winthrop Highlands

Grovers Cliff

Ocean Spray

CHARLESTOWN

Navy Yard

BOSTON

Chelsea Pt

WINTHROP

Winthrop Beach

Winthrop Head

Snake I

Apple I

Apple I Flats

Deer I

NORTH CHAN

SOUTH CHAN

HYPOCRITE CHAN

Green I

Calf I

Outer Brewster

Middle Brewster

Great Brewster

42°20'

S. BOSTON

Castle I

City Pt

OLD HARBOR

ROXBURY

Spectacle I

Thompson I

Long I

Gallups I

Lovell

Georges I

Rainsford I

Nantasket Roads

Pt Allerton

Nantasket

Hull

Little Hog I

Moon Hd

DORCHESTER

Savin Hill

Mt Bowdoin

Harrison Sq

DORCHESTER

Upham Cor.

Squantum

HINGHAM BAY

Peddock I

Hangman I

QUINCY BAY

Sheep I

Bumkin I

Nut I

White Hd

Worlds End

Slack

Neponset

Ashmont

Atlantic

Wollaston Park

Rk

Halfmoon I

Lower Mills

Milton Mills

Mt Hope

Montclair

Wollaston Heights

Houghs Neck

Rock I

Grape I

Slate I

Planters Hill

Otis Hill

Forbes Hill

East Milton

Town River Bay

Gull Pt

Weymouth Fore River

Squirrel Hill

Hingham Hbr

President Hill

Quincy Center

Quincy Pt

North Weymouth

Weymouth Back R.

Baker Hill

Hingham

ONE HOUR AFTER BEGINNING OF FLOOD AT DEER ISLAND LIGHT

(1½ hours after low water at Boston)

TIDAL CURRENT CHART
BOSTON HARBOR

Red arrows denote the direction and red figures the velocity of current at time indicated at bottom of chart.

Velocities are expressed in knots and are for the time of spring currents.

Predicted times of Beginning of Flood and Beginning of Ebb for Boston Harbor (Deer Island Light) for every day in the year are included in the Atlantic Coast Current Tables published annually by the U. S. Coast and Geodetic Survey.

NAHANT BAY

Egg Rock

Little Nahant

NAHANT

Spouting Horn

East Pt

Bass Pt

Point of Pines

LYNN HARBOR

Revere Beach

Crescent Beach

Beachmont

BROAD SOUND

Winthrop Highlands
Grovers Cliff

Ocean Spray

SOUTH CHAN

NORTH CHAN

HYPOCRITE CHAN

Green I

Calf I

Outer Brewster

Middle Brewster

Great Brewster

42°20'

Winthrop Beach
Winthrop Head
STANDPIPE

WINTHROP

Chelsea Pt

Snake I

Apple I
Apple I Flats

Deer I

REVERE

Mt. Washington

EVERETT

CHELSEA

Belle Isle Inlet

Breeds Island

TOWER RADIO

Mystic R.

CHARLESTOWN
Navy Yard

Chelsea R.

Charles River

E. BOSTON

ELEVATOR

AERO

BOSTON

S. BOSTON

City Pt

Castle I
Fl ev 3 sec

ROXBURY

OLD HARBOR

Spectacle I

Thompson I

Long Island

Gallups I

Georges I

Lovells I

Rainsford I

DORCHESTER B.

Savin Hill

Upham Cor.

Moon Hd

Hangman I

NANTASKET ROADS

Pt Allerton

Hull
Nantasket Hill
TOWER

Little Hog I

Nantasket Beach

STANDPIPE

HINGHAM BAY

Bumkin I

Sheep I

Pedocks I

Mt Bowdoin

Harrison Sq

DORCHESTER

Squantum

Neponset
Ashmont

Atlantic

Wollaston Park

QUINCY BAY

Nut I
STANDPIPE

Rk

Halfmoon I

Houghs N.

Grape I

Slate I

World's End

Planters Hill

Hingham Hbr

Otis Hill

Squirrel Hill

Hingham

Baker Hill

Weymouth Fore River

Rock I Cove

Gull Pt

Town River Bay

Weymouth Neck

Weymouth Back R.

Lower Mills
Milton Mills

Milton Hill

East Milton

Wollaston Heights

Forbes Hill

President Hill

Quincy Center

Quincy Pt

North Weymouth

White Hd

Mt Hope

Montclair

405-C.&G.S. Print

TWO HOURS AFTER BEGINNING OF FLOOD AT DEER ISLAND LIGHT
(2½ hours after low water at Boston)

TIDAL CURRENT CHART
BOSTON HARBOR

Red arrows denote the direction and red figures the velocity of current at time indicated at bottom of chart.

Velocities are expressed in knots and are for the time of spring currents.

Predicted times of Beginning of Flood and Beginning of Ebb for Boston Harbor (Deer Island Light) for every day in the year are included in the Atlantic Coast Current Tables published annually by the U. S. Coast and Geodetic Survey.

NAHANT BAY

BROAD SOUND

NORTH CHAN

SOUTH CHAN

HYPOCRITE CHAN

REVERE

EVERETT

CHELSEA

CHARLESTOWN

BOSTON

S. BOSTON

ROXBURY

DORCHESTER

Revere Beach

Crescent Beach

Beachmont

Winthrop Highlands

Grovers Cliff

Ocean Spray

WINTHROP

Winthrop Beach

Winthrop Head

Chelsea Pt

Snake I

Apple I

Apple I Flats

Deer I.

Governors I

Castle I

City Pt

OLD HARBOR

Slack

Spectacle I

Long Island

Gallups I

Georges I

Lovell

Rainsford I

NANTASKET ROADS

HINGHAM BAY

QUINCY BAY

Moon Hd

Thompson I

DORCHESTER B.

Squantum

Hangman I

Peddocks I

Nut I

Sheep I

Hull

Nantasket

Pt Allerton

Little Hog I

Bumkin I

White Hd

Grape I

Slate I

Worlds End

Planters Hill

Otis Hill

Hingham Hbr

Weymouth Fore River

Weymouth Back R.

Houghs Neck

Gull Pt

Rock I Cove

Town River Bay

President Hill

Quincy Center

Quincy Pt

North Weymouth

Weymouth Hill

Baker Hill

Hingham

Squirrel Hill

East Milton

Forbes Hill

Wollaston Heights

Milton Hill

Lower Mills

Milton Mills

Mt.Hope

Montclair

Wollaston Park

Halfmoon I

Atlantic

Ashmont

Neponset

Mt.Bowdoin

Harrison Sq.

Savin Hill

Upham Cor.

NAHANT

Little Nahant

Egg Rock

Spouting Horn

East Pt

Bass Pt

LYNN HARBOR

Point of Pines

Oak I

Pines R.

Mt.Washington

Youngs Hill

Breeds Island

Mystic R.

Charles River

Green I

Calf I

Middle Brewster

Outer Brewster

Great Brewster

0.5

0.8

0.4

0.4

0.6

0.6

0.6

1.6

1.5

1.8

1.4

1.2

0.9

1.4

0.5

0.5

0.8

0.4

0.5

0.5

0.7

0.8

1.0

0.9

1.4

1.6

2.0

1.5

1.9

0.7

1.6

1.3

1.4

1.7

1.7

0.9

0.8

0.8

0.8

0.5

0.9

0.3

0.4

0.5

0.9

1.4

1.3

2.4

0.2

0.2

0.3

0.7

1.8

0.5

0.2

0.6

1.0

1.1

1.0

0.7

1.2

42°20'

71°00'

405-C.& G.S.Print

THREE HOURS AFTER BEGINNING OF FLOOD AT DEER ISLAND LIGHT
(3½ hours after low water at Boston)

TIDAL CURRENT CHART
BOSTON HARBOR

Red arrows denote the direction and red figures the velocity of current at time indicated at bottom of chart.

Velocities are expressed in knots and are for the time of spring currents.

Predicted times of Beginning of Flood and Beginning of Ebb for Boston Harbor (Deer Island Light) for every day in the year are included in the Atlantic Coast Current Tables published annually by the U. S. Coast and Geodetic Survey.

NAHANT BAY

Egg Rock

Spouting Horn

East Pt.

NAHANT

Little Nahant

Bass Pt.

LYNN HARBOR

Point of Pines

Pines R.

Oak I.

Tree Pt.

AERO

Lynn Beach

Revere Beach

Crescent Beach

Beachmont

Winthrop Highlands

Grovers Cliff

Ocean Spray

Winthrop Beach

Winthrop Head

STANDPIPE

BROAD SOUND

Mt. Washington REVERE

EVERETT

CHELSEA

Belle Isle Inlet

Breeds Island

TOWER RADIO

Mystic R.

CHARLESTOWN

Navy Yard

Chelsea R.

E. BOSTON

ELEVATOR

WINTHROP

Chelsea Pt.

Snake I.

Apple I.

Apple I Flats

Deer I.

NORTH CHAN.

SOUTH CHAN.

Green I.

HYPOCRITE CHAN.

Calf I.

Outer Brewster

Middle Brewster

Great Brewster

42°20'

Charles R.

BOSTON

AERO TOWER

Flev 3 sec

Castle I.

City Pt.

S. BOSTON

Governors I.

ROXBURY

OLD HARBOR

Spectacle I.

Long Island

Gallups I.

Lovell

Georges I.

Rainsford I.

Thompson I.

DORCHESTER B.

Moon Hd.

Swan Hill

Upham Cor.

Pt. Allerton

Hull

Nantasket Hull TOWER

Little Hog I.

Nantasket Beach

NANTASKET ROADS

HINGHAM BAY

Peddocks I.

Bumkin I.

Mt. Bowdoin Harrison Sq.

DORCHESTER

Squantum

Hangman I.

QUINCY BAY
Slack

Nut I.

Sheep I.

Grape I.

Slate I.

Worlds End

Planters Hill

White Hd.

Neponset

Ashmont

Atlantic

Wollaston Park

Lower Mills

Milton Mills

Milton Hill

Wollaston Heights

Forbes Hill

East Milton

Mt. Hope

Montclair

Halfmoon I.

Houghs Neck

Weymouth Fore River

Gull Pt.

Town River Bay

Rock I. Cove

Otis Hill

Hingham Hbr.

Weymouth Back R.

Squirrel Hill

Baker Hill

Hingham

President Hill

Quincy Center

Quincy Pt.

North Weymouth

Weymouth Neck Hill

71°00'

405-C.&G.S. Print

FOUR HOURS AFTER BEGINNING OF FLOOD AT DEER ISLAND LIGHT
(4½ hours after low water at Boston)

TIDAL CURRENT CHART
BOSTON HARBOR

Red arrows denote the direction and red figures the velocity of current at time indicated at bottom of chart.

Velocities are expressed in knots and are for the time of spring currents.

Predicted times of Beginning of Flood and Beginning of Ebb for Boston Harbor (Deer Island Light) for every day in the year are included in the Atlantic Coast Current Tables published annually by the U. S. Coast and Geodetic Survey.

NAHANT BAY

BROAD SOUND

NORTH CHAN

SOUTH CHAN

HYPOCRITE CHAN

Slack

Slack

Slack

Slack

NANTASKET ROADS

HINGHAM BAY

QUINCY BAY

OLD HARBOR

FIVE HOURS AFTER BEGINNING OF FLOOD AT DEER ISLAND LIGHT
(5½ hours after low water at Boston)

TIDAL CURRENT CHART
BOSTON HARBOR

Red arrows denote the direction and red figures the velocity of current at time indicated at bottom of chart.

Velocities are expressed in knots and are for the time of spring currents.

Predicted times of Beginning of Flood and Beginning of Ebb for Boston Harbor (Deer Island Light) for every day in the year are included in the Atlantic Coast Current Tables published annually by the U. S. Coast and Geodetic Survey.

NAHANT BAY

Egg Rock

Spouting Horn

East Pt

NAHANT

Little Nahant

Tree Pt

Lynn Beach

AERO

LYNN HARBOR

Point of Pines

Oak I.

Pines R.

EVERETT

Mt Washington REVERE

CHELSEA

Belle Isle Inlet

TOWER Breeds Island

Mystic R.

CHARLESTOWN Navy Yard

Chelsea F.

TOWER RADIO

Charles River

AERO TOWER

BOSTON

S. BOSTON

F lev 3 sec Castle I

City Pt

ROXBURY

OLD HARBOR

Upham Cor.

Swan Hill

DORCHESTER B.

Rk

Mt Bowdoin Harrison Sq.

DORCHESTER

Squantum

Squantum

Neponset Ashmont

Atlantic

Wollaston Park

Lower Mills Milton Mills

Mt Hope

Montclair

Milton Hill

Wollaston Heights

Forbes Hill

East Milton

President Hill

QUINCY BAY

Quincy Center

Quincy Pt

North Weymouth

Revere Beach

Crescent Beach

Youngs Hill

Beachmont

Winthrop Highlands Grovers Cliff

Ocean Spray

WINTHROP Winthrop Beach

Chelsea Pt Winthrop Head STANDPIPE

Snake I

Apple I Apple I Flats

Hog Island

Governors I.

DNRC Deer I.

BROAD SOUND

0.2

Slack

Slack

Slack

Slack

Slack

Slack

Slack

0.5

SOUTH CHAN

Green I

HYPOCRITE CHAN

Slack

Calf I Outer Brewster

Middle Brewster

Great Brewster

42°20′

1.0

0.3

0.3

NORTH CHAN

Slack

Slack

0.3

0.1

0.1

0.3

0.2

0.2

0.2

0.2

0.1

Slack

0.2

0.3

Lovell I.

0.2 0.2

Gallups I

Georges I.

Slack

0.3

0.3

0.3

Spectacle I

0.2

0.6

Slack

Long Island

0.1

0.2

0.2

0.2

Thompson I.

Rainsford I.

0.2

Moon Hd.

0.1

NANTASKET ROADS

Slack

Pt. Allerton

Hull Nantasket Hill TOWER

Little Hog I

0.2

0.6

80

80 Peddocks

90

Slack

Slack

HINGHAM BAY

Slack

Slack

STANDPIPE

Nantasket Beach

Slack

80 Squantum

Hangman I

Slack

0.1

0.4

Sheep I

0.2

Nut I

STANDPIPE

Halfmoon I

Rk

Houghs Neck

Grape I

Slate I

0.2

Worlds End

White Hd

Franklin I

0.2

0.2

Slack

Planters Hill

Rock I Cove

Gull Pt

Town River Bay

Weymouth Fore River

0.2

Grape I

Weymouth Back R.

Otis Hill

Hingham Hbr

Slack

Weymouth Neck

Squirrel Hill

Hingham

Baker Hill

Slack

405 - C. & G.S. Print

BEGINNING OF EBB AT DEER ISLAND LIGHT
(High water at Boston)

TIDAL CURRENT CHART
BOSTON HARBOR

Red arrows denote the direction and red figures the velocity of current at time indicated at bottom of chart.

Velocities are expressed in knots and are for the time of spring currents.

Predicted times of Beginning of Flood and Beginning of Ebb for Boston Harbor (Deer Island Light) for every day in the year are included in the Atlantic Coast Current Tables published annually by the U. S. Coast and Geodetic Survey.

ONE HOUR AFTER BEGINNING OF EBB AT DEER ISLAND LIGHT
(1 hour after high water at Boston)

TIDAL CURRENT CHART
BOSTON HARBOR

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NAHANT BAY

Egg Rock

BROAD SOUND

NORTH CHAN

SOUTH CHAN

HYPOCRITE CHAN

REVERE

EVERETT

CHELSEA

HARLESTOWN

BOSTON

WINTHROP

S. BOSTON

ROXBURY

OLD HARBOR

DORCHESTER

NANTASKET ROADS

HINGHAM BAY

QUINCY BAY

Quincy Center

Milton Mills
Lower Mills
East Milton

North Weymouth

Hingham

TWO HOURS AFTER BEGINNING OF EBB AT DEER ISLAND LIGHT
(2 hours after high water at Boston)

TIDAL CURRENT CHART
BOSTON HARBOR

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Predicted times of Beginning of Flood and Beginning of Ebb for Boston Harbor (Deer Island Light) for every day in the year are included in the Atlantic Coast Current Tables published annually by the U. S. Coast and Geodetic Survey.

NAHANT BAY

Egg Rock

Spouting Horn

East Pt

BROAD SOUND

Little Nahant

Bass Pt

NAHANT

Lynn Harbor

Lynn Beach

Point of Pines

Oak I

Revere Beach

Crescent Beach

Beachmont

Winthrop Highlands

Grovers Chff

Ocean Spray

Winthrop Beach

Winthrop Head
STANDPIPE

WINTHROP

Chelsea Pt

Snake I

Apple I
Apple I Flats

NORTH CHAN

SOUTH CHAN

HYPOCRITE CHAN

Green I

Cald

Outer Brewster

Middle Brewster

Great Brewster

REVERE

Mt Washington

EVERETT

CHELSEA

Belle Isle Inlet

Breeds Island

Chelsea

CHARLESTOWN

Navy Yard

BOSTON

ELEVATOR

Charles River

AERO
TOWER

S. BOSTON

Fl ev 3 sec
Castle I

City Pt

Deer I

Gallups I

Georges I

Lovell

Rainsford I

Nantasket

Hull

Pt Allerton

Little Hog I

ROXBURY

OLD HARBOR

Thompson I

Spectacle I

Long I

Moon Hd

NANTASKET ROADS

HINGHAM BAY

Slack

Sheep I

Bumkin I

World's End

Planter's Hill

Upham Cor

Savin Hill

DORCHESTER

Mt Bowdoin
Harrison Sq

Squantum

Squantum

Neponset
Ashmont

Atlantic

Wollaston Park

QUINCY BAY

Nut I

STANDPIPE

Halfmoon I

Hangman I

Peddocks

Grape I

Slate I

White Hd

Lower Mills
Milton Mills

Mt Hope

Milton Hill

Wollaston Heights

Forbes Hill

East Milton

President Hill

Quincy Center

Quincy Pt

Houghs N

Rock I Cove

Town River Bay

Gull Pt

North Weymouth

Weymouth Fore River

Weymouth Back R

Otis Hill

Hingham Hbr

Squirrel Hill

Hingham

Baker Hill

THREE HOURS AFTER BEGINNING OF EBB AT DEER ISLAND LIGHT

(3 hours after high water at Boston)

TIDAL CURRENT CHART
BOSTON HARBOR

Red arrows denote the direction and red figures the velocity of current at time indicated at bottom of chart.

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Predicted times of Beginning of Flood and Beginning of Ebb for Boston Harbor (Deer Island Light) for every day in the year are included in the Atlantic Coast Current Tables published annually by the U. S. Coast and Geodetic Survey.

NAHANT BAY

BROAD SOUND

QUINCY BAY

HINGHAM BAY

NANTASKET ROADS

OLD HARBOR

DORCHESTER

BOSTON

S. BOSTON

CHELSEA

EVERETT

REVERE

CHARLESTOWN

ROXBURY

WINTHROP

NAHANT

Egg Rock

Spouting Horn

East Pt.

40S-C.&G.S. Print

FOUR HOURS AFTER BEGINNING OF EBB AT DEER ISLAND LIGHT
(4 hours after high water at Boston)

TIDAL CURRENT CHART
BOSTON HARBOR

Red arrows denote the direction and red figures the velocity of current at time indicated at bottom of chart.

Velocities are expressed in knots and are for the time of spring currents.

Predicted times of Beginning of Flood and Beginning of Ebb for Boston Harbor (Deer Island Light) for every day in the year are included in the Atlantic Coast Current Tables published annually by the U. S. Coast and Geodetic Survey.

NAHANT BAY

Egg Rock

BROAD SOUND

NORTH CHAN

SOUTH CHAN

HYPOCRITE CHAN

LYNN HARBOR

NAHANT

REVERE

EVERETT

CHELSEA

CHARLESTOWN

BOSTON

S. BOSTON

ROXBURY

OLD HARBOR

DORCHESTER B.

DORCHESTER

WINTHROP

QUINCY BAY

NANTASKET ROADS

HINGHAM BAY

Weymouth Fore River

Quincy Center

Hingham

42°20'

71°60'

405-C & G.S. Print

FIVE HOURS AFTER BEGINNING OF EBB AT DEER ISLAND LIGHT

(5 hours after high water at Boston)